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OM protein - protein search, using sw model

Run on: August 9, 2002, 20:02:17 ; Search time 13.05 Seconds
(Without alignments)
194.656 Million cell updates/sec

Title: US-09-622-613a-2
Perfect score: 576
Sequence: 1 ODMLTFQKKHNLTRDVDCN.....TFCVTCENQAPVHVGVGHC 104

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 2442594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_patents_AA:*1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*5: /cgn2_6/ptodata/2/1aa/PCUUS.COMB.pep:*6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	549	95.3	104	1 US-08-467-955-2	Sequence 2, Appli
2	547	95.0	104	4 US-09-394-268-1	Sequence 1, Appli
3	547	95.0	129	3 US-08-875-811-63	Sequence 63, Appli
4	547	95.0	379	3 US-08-875-811-43	Sequence 43, Appli
5	544	94.4	104	1 US-08-283-971-1	Sequence 1, Appli
6	544	94.4	104	1 US-07-921-619-1	Sequence 1, Appli
7	544	94.4	104	1 US-08-467-955-1	Sequence 1, Appli
8	544	94.4	104	2 US-08-891-848-13	Sequence 13, Appli
9	544	94.4	105	3 US-08-875-811-39	Sequence 39, Appli
10	544	94.4	355	3 US-08-875-811-41	Sequence 41, Appli
11	544	94.4	358	3 US-08-875-811-51	Sequence 51, Appli
12	542	94.1	104	3 US-08-875-811-1	Sequence 1, Appli
13	542	94.1	106	3 US-08-875-811-28	Sequence 28, Appli
14	542	94.1	117	3 US-08-875-811-30	Sequence 30, Appli
15	542	94.1	112	3 US-08-875-811-32	Sequence 32, Appli
16	542	94.1	251	3 US-08-875-811-59	Sequence 59, Appli
17	542	94.1	254	3 US-08-875-811-61	Sequence 61, Appli
18	542	94.1	355	3 US-08-875-811-49	Sequence 49, Appli
19	542	94.1	355	3 US-08-875-811-57	Sequence 57, Appli
20	542	94.1	355	3 US-08-875-811-64	Sequence 64, Appli
21	542	94.1	366	3 US-08-875-811-55	Sequence 55, Appli
22	539	93.6	104	4 US-09-394-268-2	Sequence 2, Appli
23	537	93.2	105	3 US-08-875-811-24	Sequence 24, Appli
24	537	93.2	105	3 US-08-875-811-26	Sequence 26, Appli
25	533	92.5	358	3 US-08-875-811-45	Sequence 45, Appli
26	533	92.5	365	3 US-08-875-811-53	Sequence 53, Appli
27	518	89.9	107	3 US-08-875-811-20	Sequence 20, Appli

28	481	83.5	360	3 US-08-875-811-47	Sequence 47, Appli
29	474.5	82.4	111	3 US-08-875-811-22	Sequence 22, Appli
30	436	75.7	83	3 US-08-875-811-2	Sequence 2, Appli
31	288	50.0	111	2 US-08-891-848-12	Sequence 12, Appli
32	288	50.0	111	3 US-08-875-811-8	Sequence 8, Appli
33	214.5	37.2	114	4 US-09-223-118-4	Sequence 4, Appli
34	202.5	35.2	114	4 US-09-223-118-2	Sequence 2, Appli
35	201.5	35.0	114	4 US-09-223-118-1	Sequence 1, Appli
36	199.5	34.6	114	4 US-09-223-118-3	Sequence 3, Appli
37	153.5	26.6	169	1 US-08-441-629-2	Sequence 2, Appli
38	153.5	26.6	169	3 US-08-776-207-2	Sequence 2, Appli
39	153.5	26.6	169	5 PCT-US95-09172-2	Sequence 2, Appli
40	137	23.8	28	3 US-08-875-811-3	Sequence 3, Appli
41	136	23.6	28	3 US-08-875-811-5	Sequence 5, Appli
42	125	21.7	124	1 US-08-441-629-5	Sequence 5, Appli
43	125	21.7	124	3 US-08-776-207-5	Sequence 5, Appli
44	125	21.7	124	5 PCT-US95-09172-5	Sequence 5, Appli
45	124	21.5	2	2 US-08-891-848-16	Sequence 16, Appli

ALIGNMENTS

RESULT 1
US-08-467-955-2
; Sequence 2, Application US/08467955
; Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D. Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-9066
TELEFAX: 201-912-0442
TELEX: NO. 5728805 Applicable
INFORMATION FOR SEQ ID NO.: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-2

Query Match 95.3%; Score 549; DB 1; Length 104;
Best Local Similarity 95.2%; Pred. No. 1.2e-59;
Matches 99; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 QDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 60
DB 1 EDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 60
QY 61 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 104
DB 61 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 104

RESULT 2
US-09-394-268-1
Sequence 1, Application US/09394268
Patent No. 6175003
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING RIBONUCLEASES AND METHODS OF
TITLE OF INVENTION: MAKING THEM
FILE REFERENCE: 5013
CURRENT APPLICATION NUMBER: US/09/394,268
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-394-268-1

Query Match 95.0%; Score 547; DB 4; Length 104;
Best Local Similarity 95.2%; Pred. No. 2.2e-59;
Matches 99; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 QDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 60
DB 1 QDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 60
QY 61 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 104
DB 61 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 104

RESULT 3
US-08-875-811-63
Sequence 63, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-24410005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ-ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-63

Query Match 95.0%; Score 547; DB 3; Length 129;
Best Local Similarity 95.2%; Pred. No. 2.9e-59;
Matches 99; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 QDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 60
DB 26 QDWLTQKKHLLNTRVDNINIMSTNLFHCKDKNFTIYSRPEPVKAICKGIASKNVLT 85
QY 61 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 104
DB 86 SEFYLSDCNVTSPCKRYKLLKSTNFCVCENAPVHFVGVC 129

RESULT 4
US-08-875-811-43
Sequence 43, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-24100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 379 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-43

Query Match 95.0%; Score 547; DB 3; Length 379;
Best Local Similarity 95.2%; Pred. No. 1.2e-58;
Matches 99; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1 QDWLTFQKHLNTRDVCNIMSTNLFHCKDKNTFIYSRPPVKAICKGIASKNVLT 60
Db 26 QDWLTFQKHLNTRDVCNIMSTNLFHCKDKNTFIYSRPPVKAICKGIASKNVLT 85
OY 61 SEFYLSDCNVTSRPCKYKRLKSTNFCVTCENQAPVHFGVGHG 104
Db 86 SEFYLSDCNVTSRPCKYKRLKSTNFCVTCENQAPVHFGVGHG 129

RESULT 5
US-08-283-971-1
Sequence 1, Application US/08283971
Patent No. 5529775
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D, Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/283,971
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/921,180
FILING DATE: 30-JUL-1992
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5006 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399

TELEFAX: 718-625-0399
TELEX: No. 5529775 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-08-283-971-1

Query Match 94.4%; Score 544; DB 1; Length 104;
Best Local Similarity 94.2%; Pred. No. 5.1e-59;
Matches 98; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

OY 1 QDWLTFQKHLNTRDVCNIMSTNLFHCKDKNTFIYSRPPVKAICKGIASKNVLT 60
Db 1 EDWLTFQKHLNTRDVCNIMSTNLFHCKDKNTFIYSRPPVKAICKGIASKNVLT 60
OY 61 SEFYLSDCNVTSRPCKYKRLKSTNFCVTCENQAPVHFGVGHG 104
Db 61 SEFYLSDCNVTSRPCKYKRLKSTNFCVTCENQAPVHFGVGHG 104

RESULT 6
US-07-921-619-1
Sequence 1, Application US/07921619
Patent No. 5595734
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D, Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: No. 5595734 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids

TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-07-921-619-1

Query Match 94.4%; Score 544; DB 1; Length 104;
Best Local Similarity 94.2%; Pred. No. 5.1e-59;
Matches 98; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 QDLTFQKKHITNTROVDCNIIIMSTNLFHCKDKNTFIYSRPEPVKAICKGIISKVNLTT 60
DB 1 EDWLTQKKHITNTROVDCNIIIMSTNLFHCKDKNTFIYSRPEPVKAICKGIISKVNLTT 60

QY 61 SEFYLSDCNVTSPRCYKYLKSTNFCVTCENQAPVHFVGSHC 104
DB 61 SEFYLSDCNVTSPRCYKYLKSTNFCVTCENQAPVHFVGSHC 104

RESULT 7
US-08-467-955-1
Sequence 1, Application US/08467955
Patent No. 5728805

GENERAL INFORMATION:

APPLICANT: Aidelc Ph.D, Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM

NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:

ADDRESSEE: Mark H. Jay, P.A.
STREET: P. O. Box E

CITY: Short Hills
STATE: New Jersey

COUNTRY: USA
ZIP: 07078-0383

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/467,955
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141

FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970

FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:

NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507

REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-912-9066
TELEFAX: 201-912-0442

TELEX: No. 5728805 Applicable
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-1

Query Match 94.4%; Score 544; DB 1; Length 104;
Best Local Similarity 94.2%; Pred. No. 5.1e-59;
Matches 98; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 QDLTFQKKHITNTROVDCNIIIMSTNLFHCKDKNTFIYSRPEPVKAICKGIISKVNLTT 60
DB 1 EDWLTQKKHITNTROVDCNIIIMSTNLFHCKDKNTFIYSRPEPVKAICKGIISKVNLTT 60

QY 61 SEFYLSDCNVTSPRCYKYLKSTNFCVTCENQAPVHFVGSHC 104
DB 61 SEFYLSDCNVTSPRCYKYLKSTNFCVTCENQAPVHFVGSHC 104

RESULT 8
US-08-891-848-13
Sequence 13, Application US/08891848
Patent No. 5955073

GENERAL INFORMATION:

APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.

APPLICANT: Newton, Dianne L.
APPLICANT: Nicholls, Peter J.

TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco

STATE: California
COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848

FILING DATE: NO. 5955073 yet assigned
CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/125,462

FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/014,082
FILING DATE: 04-FEB-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/779,195

FILING DATE: 22-OCT-1991
ATTORNEY/AGENT INFORMATION:

NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762

REFERENCE/DOCKET NUMBER: 015280-110310US
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 13:

LENGTH: 104 amino acids

MOLECULE TYPE: protein

MOLECULE TYPE ;
 09-875-911-41

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Qy      1 QDWLTFOQKHULTNTRDVCNIMSTNLFHCCKDKNTFYISRREPVAICGKIATSKNVLT 60
          :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      252 EDWLTFQKHULTNTRDVCNIMSTNLFHCCKDKNTFYISRREPVAICGKIATSKNVLT 311

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QY 61 SEFYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGHC 104
DB 312 SEFYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGSC 355

RESULT 11

US-08-875-811-51
; Sequence 51, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Boque, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/02588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Paris, Susan K.
; REGISTRATION NUMBER: 41,739
; REFERENCE/DOCKET NUMBER: 015280-244100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 358 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-875-811-51

Query Match 94.4%; Score 544; DB 3; Length 358;
Best Local Similarity 94.2%; Pred. No. 2.5e-58;
Matches 98; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 ODMLTFQKKHLLTNRDVDCNLTIMSTNLFHCKDKNTFTYSRPEPVKAIKGIISKNVLT 60
DB 2 EDMLTFQKKHLLTNRDVDCNLTIMSTNLFHCKDKNTFTYSRPEPVKAIKGIISKNVLT 61
QY 61 SEFYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGHC 104
DB 62 SEFYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGSC 105

RESULT 12

US-08-875-811-1
; Sequence 1, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.

APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104
OTHER INFORMATION: /label=nonc
OTHER INFORMATION: /note="native ONCONASE (registered
OTHER INFORMATION: trademark) from Rana pipiens"
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note="Xaa - pyroglutamic acid"
US-08-875-811-1

Query Match 94.1%; Score 542; DB 3; Length 104;
Best Local Similarity 95.1%; Pred. No. 8.9e-59;
Matches 98; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2 DWLTFQKKHLLTNRDVDCNLTIMSTNLFHCKDKNTFTYSRPEPVKAIKGIISKNVLT 61
DB 2 DWLTFQKKHLLTNRDVDCNLTIMSTNLFHCKDKNTFTYSRPEPVKAIKGIISKNVLT 61
QY 62 EFLYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGHC 104
DB 62 EFLYLSDCNVTSRPCKYKLLKSTNTEFCVTCENQAPVHFVGVGSC 104

RESULT 13

US-08-875-811-28
; Sequence 28, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.

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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
OS-08-875-811-30

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Query Match	94.1%	Score 542	DB 3	Length 107
Best Local Similarity	95.1%	Pred. No. 9.2e-59		
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Db	5	DMLTFQKHHTNTRDVCDDNIMSTLTFHCKOKNPFYSRPREVKATCGIITASKNVLTTS	64	
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Db	65	EFLYLSDCNVTSRPCKYKLLKSTNTEFCVGCENQAPRPHFVGVC	107	

RESULT 15
US-08-875-811-32
Sequence 32, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: RYBAK, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Lluís
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/02588
 FILING DATE: 19-FEB-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/011,800
 FILING DATE: 21-FEB-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: FARRIS, Susan K.
 REGISTRATION NUMBER: 41,739
 REFERENCE/DOCKET NUMBER: 015280-244100US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ. ID NO.: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 112 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-875-811-32

Query Match 94.1%; Score 542; DB 3; Length 112;
 Best Local Similarity 95.1%; Pred. No. 9,8e-59;
 Matches 98; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
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 QY 62 EFLSDCANTSRPCKYKTKKSTNTFCVTGCENQAPVHFGVGSHC 104
 |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
 DB 70 EFLSDCANTSRPCKYKTKKSTNTFCVTGCENQAPVHFGVGSHC 112

Search completed: August 9, 2002, 20:04:44
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